Turnitin Moodle® Integration Administrator User Manual

Version: 2.1.3

Updated June 8, 2011

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.

Contents

Administrator User Manual 1

Moodle Integration Administrator Manual 3

Downloading the Moodle Code Package 3

Installation and Configuration 5

Language Pack Update 5

Configuration of the Interface 6

Paper Repository Options 8

Glossary 9

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.

Moodle Integration Administrator Manual

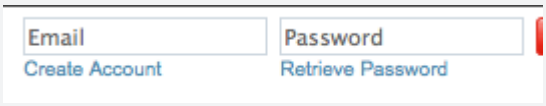
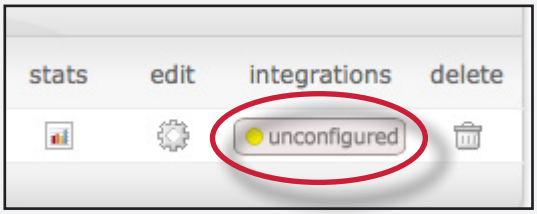
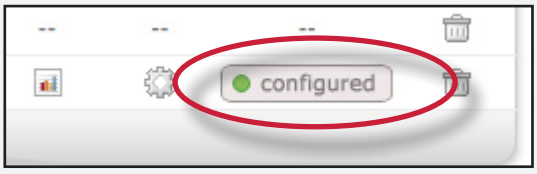
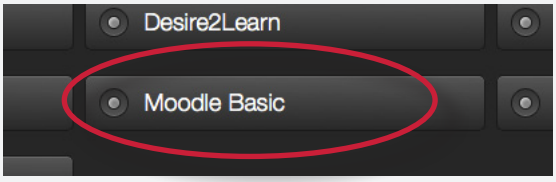
Welcome to the Turnitin Moodle Integration Manual.

The Turnitin plugin gives users of the Moodle Learning System the ability to use Turnitin products within the Moodle interface. Turnitin provides plagiarism prevention services, paperless digital grading, class management and peer review tools to educational institutions around the world.

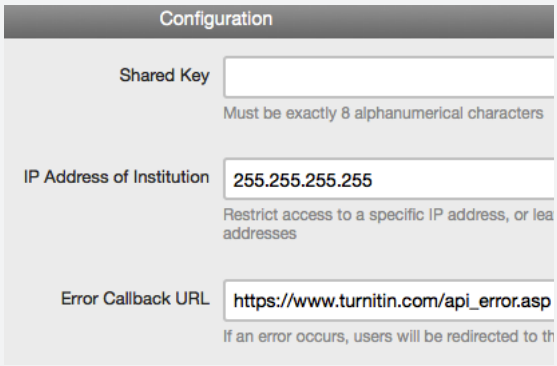
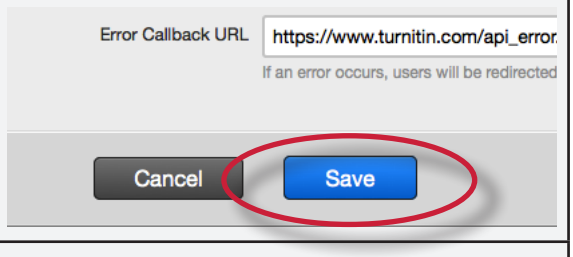
Note - The Turnitin plug-in is currently compatible with Moodle versions 1.5, 1.6, 1.7, 1.8, 1.9, and 2.0

Downloading the Moodle Code Package

The Turnitin administrator must first configure the Moodle integration before the code packages can be installed. The account administrator should log into their Turnitin account at www.Turnitin.com.

To configure and download the Moodle code package, follow these steps:	
1. Log in as the Turnitin account administrator at the Turnitin homepage http://www.turnitin.com	
2. Click on the integrations button for the account. If purchased the *unconfigured* button will appear under the integrations column. If the integration has already been configured click on the *configured* button and skip to step 6. If the integration has not been configured click on the unconfigured button	 
3. Click on *Moodle Basic* to open up the configuration page. Unconfigured platforms will have an unlit status button. Yellow status buttons indicates a partially configured integration. The green status button indicates a fully configured integration	

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.

To configure and download the Moodle code package, follow these steps:	
4. Fill out the three required fields: • create a shared key containing 8 alphanumerical characters • your institution's IP Address or default IP address: 255.255.255.255 • an error callback URL or the default url: https://www.turnitin.com/api_error.asp	
Tip: The shared key is used during the plug-in installation process within Moodle. We recommend making a note of the secret key once it has been entered for quick reference	
5. Click *Save* to finalize the Moodle Basic configuration.	
6. Once the integration has been configured the code packages for Moodle Basic will be available for download	
7. Click on the *Download* button to the right of the version of Moodle your institution supports. Save the file in an easy to find location on the computer	

Note: Moodle versions prior to Moodle 1.8 should download Moodle Integration version 1.0.8. Download Moodle Integration version 2.1.0 for Moodle 1.8+, download Moodle Integration version 2.2.0 for Moodle 1.9., download Moodle Integration version 2.3.0 for Moodle 2.

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.

Installation and Configuration

The interface to the Turnitin servers uses an ssl connection; openssl must be installed before the Turnitin plugin can be set up.

For Moodle 2.0 and above openssl and curl both need to be installed before the Turnitin plugin can be set up.

You must first unzip the plugin that you downloaded before it can be installed. The unzipped file will contain a folder labeled *Turnitin* and a read me file. You will need to copy the *Turnitin* folder onto the Moodle server. Copy it into the base of the moodle directory into the *type* folder. The location will look something like this: /mod/assignment/type.

Language Pack Update

For **Moodle 1.9.5 and below**, the Turnitin assignment type must be added to the language pack for installation. Find the language pack you are using and edit the assignment.php file with the addition below:

.../moodle/lang/<language>/assignment.php

```
$string['typeturnitin'] = 'Turnitin' ;
```

Optionally, you can also add this line:

```
$string['helpturnitin'] = '<Your Text Here>'
```

The text that has been entered will appear to every user after they create or modify a Turnitin assignment as a disclaimer or notice to alert the user to what is the current type of assignment. If it is not set, then [[helpturnitin]] will appear for the user.

For **Moodle 1.9.6**, the Turnitin assignment type must be added to the language pack for installation.

```
$string['typeturnitin'] = 'Turnitin';
```

Should be added in the following files:

`lang/<language>/assignment.php`
`lang/<language>/assignment_turnitin.php` (this file will need to be created if it does not already exist)

Optionally, you can also add this line:

```
$string['helpturnitin'] = '<Your Text Here>'
```

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.

For **Moodle 2 and above**, the Turnitin assignment type must be added to the language pack for installation.

```
$string['typeturnitin'] = 'Turnitin';
```

Should be added in the following files:

`lang/<language>/assignment_turnitin.php` (this file will need to be created if it does not already exist)

The lang folder is located within the plugin file downloaded from Turnitin: /mod/assignment/type/lang/

To add other languages simply add a new `lang/<language>` folder in which to place the `assignment_turnitin.php` file. For example if you would like to access Turnitin in French you would create the folder `lang/fr/assignment_turnitin.php`.

Configuration of the Interface

Open up lib.php (tiilib.php for Moodle 2.0) found in the Turnitin folder .../assignment/type/turnitin/lib.php and configure the following values:

```
//  CONFIGURE SECTION FOR SETUP

//=====================================

define("TII_AID" ,<AID>);

define("TII_SHAREDKEY" ,<SHARED KEY>);

define("TII_WEBSERVICEURL" ,<WEBSERVICE>);

define("TII_LOGGING" ,<LOGGING>);

//=====================================
```

Example:

```
//  CONFIGUREABLE SECTION FOR SETUP

//=====================================

define("TII_AID" ,99999);

define("TII_SHAREDKEY" , 'testkey');

define(TII_WEBSERVICEURL" , 'http://www.inst.ac.uk  /moodle/mod/
assignment/type/turnitin/ws/dispatcher.php');

define(TII_LOGGING" ,1);
//=====================================
```

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.

Definitions:

- **TII_AID** - The Turnitin Account Identifier. Used to target calls to the Turnitin Account

- **TII_SHAREDKEY** - The MD5 validation key provided through the configuration of the Turnitin account details

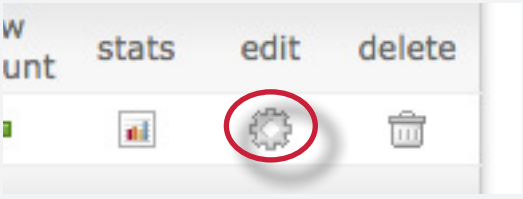
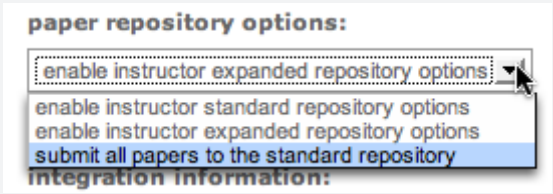
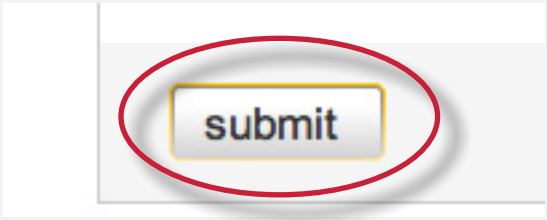
- **TII_WEBSERVICEURL** - The web service URL on the Moodle installation. The target for interface callbacks. Must point to the dispatcher.php script

- **TII_LOGGING** - The parameter that switches on and off the TII logging facility in the interface within Moodle. When switched on the API and Web Service calls are logged into the directory as 'log.txt'

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.

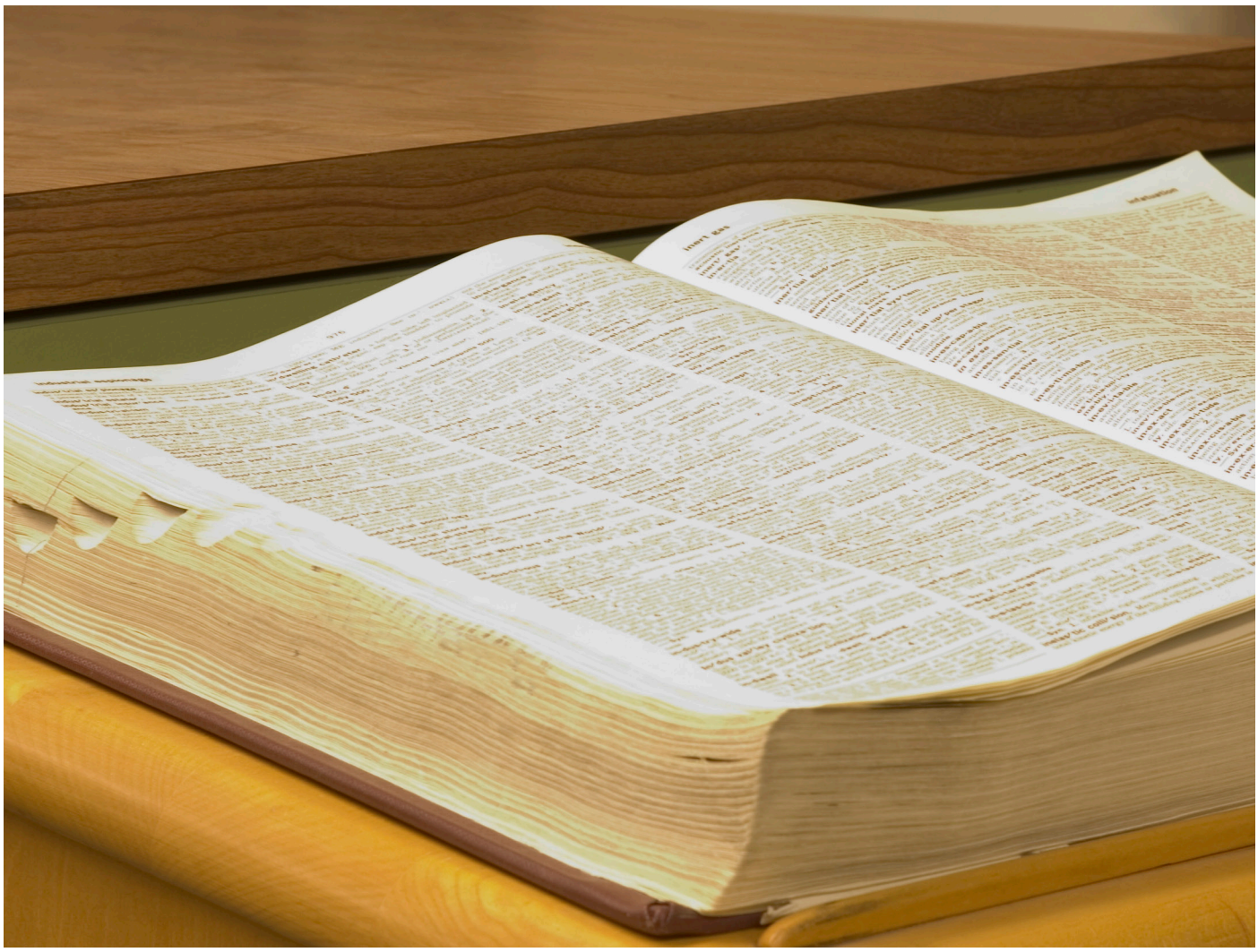
Paper Repository Options

The Turnitin administrator can select the paper repository options within their account to either allow instructors to have access to paper repository assignment options or choose to have all student papers submitted to the standard repository. The Turnitin administrator has three options: enable instructor standard repository options, enable instructor expanded repository options, or submit all papers to the standard repository.

Paper repository options:	
1. Login to Turnitin as the administrator and click on the *edit* icon to the right of the account name	
2. Select one of the three options from the *paper repository options:* enable instructor standard repository options, enable instructor expanded repository options, or submit all papers to the standard repository	
3. Click on *submit* in the bottom left corner of the account modification window to save any changes made	

Note: If *submit all papers to the standard repository* is selected from the *paper repository options* pull-down menu, all student papers submitted to the account will be stored in the standard paper repository. If *enable instructor standard repository options* is chosen instructors will be able to set the assignment option to either store student papers within the standard paper repository or to not store the papers in any repository. If *enable instructor expanded repository options* is chosen, instructors will be able to set an assignment options to store student papers in the standard paper repository, in the institution paper repository, no repository, or to allow students to choose between the standard paper repository and the institution paper repository.

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.



Glossary

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.

Definitions

account - a Turnitin account allows instructors to use products purchased from Turnitin

account ID - the numeric identification number for a specific account or sub-account

administrator - the controller of a specific Turnitin account. This user type is able to install and configure, activate or deactivate products on an account, change account settings, and add or remove instructors from account access

consortium account - an account type which is the parent for multiple institutional accounts. Consortium accounts do not allow instructors to directly join. Instructors must be added to an institutional or departmental account

GradeMark - a digital grading product offered by Turnitin which allows instructors to place comments and QuickMark editing marks on a submission for students to review. This product also includes standardized rubric scorecards and the ability to share QuickMark^{SM} standard editing marks and rubric scorecards between instructors on an account via export or via administrators using the libraries sharing feature of the GradeMark digital grading product

homepage - the default login page, which is different based on the selected default user type of the user profile being accessed

instructor - the term used for teachers, tutors, or other student-assisting users added or authorized to join as instructors on a specific Turnitin account. A single person may be joined to multiple Turnitin accounts or sub-accounts using one user profile or separate user profiles. Users may fill more than one user type role on Turnitin

internet archive - Turnitin's web repository includes inactive or no longer available web pages and copies of pages that have changed over time. This allows Turnitin to search against information that is no longer available or which has changed over time.

libraries - the libraries menu displays the rubrics created by Turnitin or the instructor. For more information about rubrics please view the GradeMark training video or the rubric section of the GradeMark manual available at www.turnitin.com/training.html

log in - the act of an authorized user entering the e-mail address and personal password created for a user profile to enter Turnitin as the user associated with the e-mail address entered

OriginalityCheck - this product creates Originality Reports for submissions in assignments on Turnitin. The Originality Reports allow instructors and students to easily determine any problems in citation or referencing and assists instructors in determining the originality of a submitted work

Originality Report - the Originality Report is a flexible document that allows students and instructors to review matches between a submitted work and the repositories scanned by Turnitin. Citations, quotations, and bibliographic material are all scanned against

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.

Turnitin's repositories to determine an overall similarity percentage as well as specific matches to similar text

PeerMark - this product allows students to anonymously or with attribution review submissions made by other students within the course. Students reply to free response and scale questions selected or created by the instructor. Instructors may also comment on the paper using three different commenting tools: inline text tool, highlighter tool, and composition marks. A PeerMark assignment must be based on a normal Turnitin assignment where the student papers are initially submitted

product - a specific service, feature, or group of features offered by Turnitin as part of the purchase of a Turnitin license by an educational customer

proxy server - a proxy server is a server that stands between an institution's network and the internet. The proxy server passes requests from the institution's network to places on the internet and returns the responses from the internet to the institution's network

repository - a set of information of a specific type or types. In the specific context of the Originality Report provided by Turnitin, repository is used to refer to the type of information the submission was evaluated against for direct matching or high levels of similarity. Available repositories include internet, archived internet, periodical/journal/publication information, and previous submissions

shared secret key - a shared secret key is the eight digit, alphanumeric code that an institution's Turnitin account administrator has created with the account's Turnitin Sales Representative. The shared secret key is used to verify the integrity of requests sent from the Institution's Moodle account to the institution's Turnitin account

student - a user type able to enroll in courses created by an instructor user. Student user profiles can only submit to assignments created by an instructor in a class they are joined to or have been authorized to join

sub-account - an account created beneath a parent account. The Turnitin account tree allows for multiple sub-accounts created under each parent account. Only individual accounts may not create sub accounts. The number of institutional accounts created beneath a consortium account is determined by license purchases

user profile - the user profile is a set of user preferences and information associated with a specific ID within Turnitin. Each user profile requires a unique e-mail address. A specific e-mail address can only be used once within the Turnitin repository. New attempts to create a profile associated with an e-mail address currently existing in Turnitin will not succeed

Copyright © 1998 – 2011 iParadigms, LLC. All rights reserved.